

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference NC 32036 PCT - Wa/js	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/IB 02/ 02519	International filing date (day/month/year) 01/07/2002	(Earliest) Priority Date (day/month/year)
Applicant  NOKIA CORPORATION		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 04 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

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☐ None of the figures.

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 02/02519

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L12/56

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01 74011 A (PSION PLC ;WOLOVITZ LIONEL (GB)) 4 October 2001 (2001-10-04) claims ---	1-6, 8-11, 13-15,17
X	EP 1 024 628 A (IBM) 2 August 2000 (2000-08-02) page 6, line 17 -page 11, line 43 claims ---	1-4,7,8, 11-13
X	WO 02 35865 A (BEART PILGRIM ;BIOMOTIX LTD (GB)) 2 May 2002 (2002-05-02) page 2, line 11 -page 9, line 21 ---	1-3,17
X	WO 02 09362 A (PHILLIPPS JOHN QUENTIN) 31 January 2002 (2002-01-31) page 3, line 4 -page 5, line 10 ---	1-3,17
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

13 February 2003

Date of mailing of the international search report

24/02/2003

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## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 02/02519

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 176 840 A (MICROSOFT CORP) 30 January 2002 (2002-01-30) column 5, line 49 -column 22, line 37 ---	1-17
A	HAARTSEN J: "BLUETOOTH - THE UNIVERSAL RADIO INTERFACE FOR AD HOC, WIRELESS CONNECTIVITY" ON - ERICSSON REVIEW, ERICSSON. STOCKHOLM, SE, no. 3, 1998, pages 110-117, XP000783249 ISSN: 0014-0171 the whole document -----	1-17

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB 02/02519

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0174011	A	04-10-2001	WO 0174011 A1	04-10-2001
			GB 2360914 A	03-10-2001
EP 1024628	A	02-08-2000	EP 1024628 A1	02-08-2000
			CN 1262565 A	09-08-2000
			JP 2001045029 A	16-02-2001
			KR 2000053577 A	25-08-2000
WO 0235865	A	02-05-2002	GB 2368498 A	01-05-2002
			AU 1244202 A	06-05-2002
			WO 0235865 A1	02-05-2002
WO 0209362	A	31-01-2002	GB 2365263 A	13-02-2002
			AU 6619101 A	05-02-2002
			WO 0209362 A1	31-01-2002
EP 1176840	A	30-01-2002	EP 1176840 A1	30-01-2002